

Colorado Canyons National Conservation Area Comparison Matrix of Environmental Consequences

Alternative 1 (No Action)

	Resource or Resource Use	Alternative 1 (No Action)																								
		Impacts From																								
		Lands	ROW	Access/ Transport'n	Geology/ Topo	Soils	Minerals/ Energy	Water Resources	Climate/Air Quality	Noise	Vegetation	Riparian	Weed Managem't	Forestry	Wildlife/Fish	SSS	Rangeland	Cultural Resources	Paleo Resources	Recreation	Visual Resources	SMA	Fire	HazMat	SocioEcon	Law Enforcement
Impacts On	Lands			✓								✓					✓			✓	✓				✓	
	Rights-of-Way (ROW)																	✓								
	Access and Transportation					See "Recreation"																				
	Geology and Topography																									
	Soils																									
	Minerals and Energy Resources																									
	Water Resources	✓+				✓+	✓+				✓+	✓+	✓+		✓+	✓+	✓+						✓			
	Climate and Air Quality										✓+															
	Noise																									
	Vegetation	✓+	✓+			✓+		✓+			✓+	✓+	✓+	✓	✓+	✓+	✓+	✓		✓			✓			
	Vegetation-Riparian	✓+	✓+			✓+		✓+			✓+	✓+	✓+	✓	✓+	✓+		✓+					✓			
	Vegetation-Weed Management	✓+	✓+			✓+	✓+	✓+			✓+	✓+						✓		✓			✓			
	Forestry																						✓			
	Wildlife, Fish and Aquatic Species						✓+	✓+			✓+	✓+	✓+		✓+	✓+	✓+			✓						
		Special Status Species (SSS)						✓+	✓+			✓+	✓+	✓+		✓+	✓+	✓+			✓					

✓ = Impact
(+) = Beneficial Impact
(-) = Major Negative Impact

Resource or Resource Use	Alternative 1 (No Action)																			
	Impacts From																			
	Lands	ROW	Access/ Transport'n	Geology/ Topo	Soils	Minerals/ Energy	Water Resources	Climate/Air Quality	Noise	Vegetation	Riparian	Weed Managem't	Forestry	Wildlife/Fish	SSS	Rangeland	Cultural Resources	Paleo Resources	Recreation	Visual Resources
Rangeland	✓+				✓+	✓+	✓+			✓+		✓+		✓+		✓	✓		✓+	
Cultural Resources	✓	✓	✓		✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
Paleontological Resources					✓	✓+				✓								✓	✓	
Recreation	✓+		✓	✓+	✓+	✓+	✓+			✓+	✓+	✓+	✓	✓	✓	✓	✓		✓	
Visual Resources																				
Special Management Areas (SMA)																				
Fire Management																				
Hazardous Materials																				
Socioeconomic Resources and Environmental Justice																	✓+			
Law Enforcement and Public Safety																				

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Resource or Resource Use		Alternative 2 (Recreation Emphasis)																								
		Impacts From																								
		Lands	ROW	Access/ Transport'n	Geology/ Topo	Soils	Minerals/ Energy	Water Resources	Climate/Air Quality	Noise	Vegetation	Riparian	Weed Managem't	Forestry	Wildlife/Fish	SSS	Rangeland	Cultural Resources	Paleo Resources	Recreation	Visual Resources	SMA	Fire	HazMat	SocioEcon	Law Enforcement
Impacts On	Lands			✓								✓					✓			✓	✓					
	Rights-of-Way (ROW)																	✓								
	Access and Transportation						See "Recreation"																			
	Geology and Topography																									
	Soils																			✓						
	Minerals and Energy Resources																									
	Water Resources	✓+				✓+	✓+				✓+	✓+	✓+				✓+						✓			
	Climate and Air Quality										✓+															
	Noise																									
	Vegetation	✓+	✓+			✓+		✓+			✓+	✓+	✓+	✓+	✓+	✓+	✓+	✓		✓			✓			
	Vegetation-Riparian	✓+	✓+			✓+		✓+			✓+	✓+	✓+	✓	✓+	✓+		✓+					✓			
	Vegetation-Weed Management	✓+	✓+			✓+	✓+	✓+			✓+	✓+		✓+				✓		✓			✓			
	Forestry																			✓			✓			
	Wildlife, Fish and Aquatic Species	✓+	✓+								✓+	✓+	✓+		✓+	✓+	✓+			✓						
	Special Status Species (SSS)	✓+	✓+								✓+	✓+	✓+		✓+	✓+	✓+			✓						
	Rangeland	✓+				✓+	✓+	✓+			✓+		✓+		✓+		✓	✓		✓			✓+			

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Resource or Resource Use	Alternative 2 (Recreation Emphasis)																			
	Impacts From																			
	Lands	ROW	Access/ Transport'n	Geology/ Topo	Soils	Minerals/ Energy	Water Resources	Climate/Air Quality	Noise	Vegetation	Riparian	Weed Managem't	Forestry	Wildlife/Fish	SSS	Rangeland	Cultural Resources	Paleo Resources	Recreation	Visual Resources
Cultural Resources	✓	✓	-		✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
Paleontological Resources					✓	✓+				✓								✓	✓	
Recreation	✓+		✓	✓+	✓+	✓+	✓+			✓+	✓+	✓+		✓	✓	✓	✓	✓	✓+	
Visual Resources																				
Special Management Areas (SMA)																				
Fire Management																				
Hazardous Materials																				
Socioeconomic Resources and Environmental Justice																	✓+			
Law Enforcement and Public Safety																				

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Resource or Resource Use		Alternative 3 (Adaptive Management)																								
		Impacts From																								
		Lands	ROW	Access/ Transport'n	Geology/ Topo	Soils	Minerals/ Energy	Water Resources	Climate/Air Quality	Noise	Vegetation	Riparian	Weed Managem't	Forestry	Wildlife/Fish	SSS	Rangeland	Cultural Resources	Paleo Resources	Recreation	Visual Resources	SMA	Fire	HazMat	SocioEcon	Law/ Enforcement
Impacts On	Lands			✓								✓					✓			✓	✓					
	Rights-of-Way (ROW)																	✓								
	Access and Transportation									See "Recreation"																
	Geology and Topography																									
	Soils																									
	Minerals and Energy Resources																									
	Water Resources	✓+				✓+	✓+				✓+	✓+	✓+				✓+						✓			
	Climate and Air Quality										✓+															
	Noise																									
	Vegetation	✓+	✓+			✓+		✓+			✓+	✓+	✓+	✓+	✓+	✓+	✓+	✓		✓			✓			
	Vegetation-Riparian	✓+	✓+			✓+		✓+			✓+	✓+	✓+	✓	✓+	✓+		✓+					✓			
	Vegetation-Weed Management	✓+	✓+			✓+	✓+	✓+			✓+	✓+		✓+				✓		✓			✓			
	Forestry																						✓			
	Wildlife, Fish and Aquatic Species	✓+	✓+								✓+	✓+	✓+		✓+	✓+	✓+			✓						
	Special Status Species (SSS)	✓+	✓+								✓+	✓+	✓+		✓+	✓+	✓+			✓						
	Rangeland	✓+				✓+	✓+	✓+			✓+		✓+		✓+		✓	✓		✓			✓+			
Cultural Resources	✓	✓	✓		✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		

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Impacts On	Resource or Resource Use	Alternative 3 (Adaptive Management)																
		Impacts From																
		Lands	ROW	Access/ Transport'n	Geology/ Topo	Soils	Minerals/ Energy	Water Resources	Climate/Air Quality	Noise	Vegetation	Riparian	Weed Managem't	Forestry	Wildlife/Fish	SSS	Rangeland	Cultural Resources
	Paleontological Resources					✓	✓+				✓							✓
	Recreation	✓+		✓	✓+	✓+	✓+	✓+			✓+	✓+	✓+		✓	✓	✓	✓
	Visual Resources																	
	Special Management Areas (SMA)																	
	Fire Management																	
	Hazardous Materials																	
	Socioeconomic Resources and Environmental Justice																✓+	
	Law Enforcement and Public Safety																	

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Resource or Resource Use		Alternative 4 (Conservation Emphasis)																											
		Impacts From																											
		Lands	ROW	Access/ Transport'n	Geology/ Topo	Soils	Minerals/ Energy	Water Resources	Climate/Air Quality	Noise	Vegetation	Riparian	Weed Managem't	Forestry	Wildlife/Fish	SSS	Rangeland	Cultural Resources	Paleo Resources	Recreation	Visual Resources	SMA	Fire	HazMat	SocioEcon	Law Enforcement			
Impacts On	Lands			✓								✓					✓			✓	✓								
	Rights-of-Way (ROW)																	✓											
	Access and Transport'n								See "Recreation"																				
	Geology and Topography																												
	Soils																												
	Minerals and Energy Resources																												
	Water Resources	✓+				✓+	✓+				✓+	✓+	✓+				✓+						✓						
	Climate and Air Quality										✓+																		
	Noise																												
	Vegetation	✓+	✓+			✓+		✓+			✓+	✓+	✓+	✓+	✓+	✓+	✓+	✓		✓			✓						
	Vegetation-Riparian	✓+	✓+			✓+		✓+			✓+	✓+	✓+	✓	✓+	✓+		✓+					✓						
	Vegetation-Weed Management	✓+	✓+			✓+	✓+	✓+			✓+	✓+		✓+				✓		✓+			✓						
	Forestry																						✓						
	Wildlife, Fish and Aquatic Species	✓+	✓+				✓+	✓+			✓+	✓+	✓+		✓+	✓+	✓+												
	Special Status Species (SSS)	✓+	✓+				✓+	✓+			✓+	✓+	✓+		✓+	✓+	✓+												

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Impacts On	Resource or Resource Use	Alternative 4 (Conservation Emphasis)																
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		Lands	ROW	Access/ Transport'n	Geology/ Topo	Soils	Minerals/ Energy	Water Resources	Climate/Air Quality	Noise	Vegetation	Riparian	Weed Managem't	Forestry	Wildlife/Fish	SSS	Rangeland	Cultural Resources
	Rangeland	✓+				✓+	✓+	✓+			✓+		✓+		✓+		✓	✓
	Cultural Resources	✓	✓	✓		✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
	Paleontolog'l Resources					✓	✓+				✓						✓	
	Recreation	✓+		✓	✓+	✓+	✓+	✓+			✓+	✓+	✓+		✓	✓	✓+	✓
	Visual Resources																	
	Special Management Areas (SMA)																	
	Fire Management																	
	Hazardous Materials																	
	SocioEcon Resources and Environmental Justice																✓+	
	Law Enforcement and Public Safety																	

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